Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
Data File : BF109710.D
Acq On : 9 Oct 2018 22:19
Operator : JU/SJ
Sample : J5326-05MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FL-PIT-2MSD

Quant Time: Oct 10 03:08:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	80931	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	310057	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	130316	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	207240	20.00	ng		0.00
75) Chrysene-d12	13.83	240	189918	20.00	ng		0.00
86) Perylene-d12	15.23	264	200498	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	561497	123.15	ng		0.00
7) Phenol-d6	6.35	99	710457	116.64	ng		0.00
23) Nitrobenzene-d5	7.26	82	480448	85.42	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	148644	104.68	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	780388	82.48	ng		0.00
78) Terphenyl-d14	12.78	244	596699	60.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	69549	29.065	ng		98
3) Pyridine	3.13	79	160399	32.491	ng		98
4) n-Nitrosodimethylamine	3.06	42	75556	42.402	ng		91
6) Aniline	6.37	93	194871	27.465	ng	#	76
8) 2-Chlorophenol	6.49	128	215846	38.493	ng		96
9) Benzaldehyde	6.25	77	106014	27.048	ng		99
10) Phenol	6.36	94	264615	37.887	ng		86
11) bis(2-Chloroethyl)ether	6.44	93	182191	31.465	ng		99
12) 1,3-Dichlorobenzene	6.64	146	228733	35.664	ng		98
13) 1,4-Dichlorobenzene	6.72	146	256012	36.619	ng		98
14) 1,2-Dichlorobenzene	6.87	146	230743	37.582	ng		99
15) Benzyl Alcohol	6.85	79	170673	37.797	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	283390	36.910	ng		99
17) 2-Methylphenol	6.97	107	164085	37.003	ng		97
18) Hexachloroethane	7.20	117	83041	33.605	ng		94
19) n-Nitroso-di-n-propylamine	7.12	70	152633	35.734	ng		100
20) 3+4-Methylphenols	7.12	107	199378	36.489	ng		91
22) Acetophenone	7.11	105	314472	41.942	ng		99
24) Nitrobenzene	7.28	77	226130	38.635	ng		99
25) Isophorone	7.52	82	410092	43.906	ng		97
26) 2-Nitrophenol	7.60	139	105728	38.620	ng		96
27) 2,4-Dimethylphenol	7.65	122	176343	44.606	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	262564	41.559	ng		100
29) 2,4-Dichlorophenol	7.85	162	176707	39.850	ng		100
30) 1,2,4-Trichlorobenzene	7.92	180	188705	38.442	ng		99
31) Naphthalene	8.00	128	630966	44.003	ng		99
32) Benzoic acid	7.75	122	24143	8.542	ng	#	63
33) 4-Chloroaniline	8.06	127	117437	18.598	ng		99
34) Hexachlorobutadiene	8.12	225	113486	37.182	ng		97
35) Caprolactam	8.41	113	47012	35.500	ng		99
36) 4-Chloro-3-methylphenol	8.55	107	177598	37.941	ng		99
37) 2-Methylnaphthalene	8.69	142	384303	40.915	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	178515	40.242	ng		99
40) Hexachlorocyclopentadiene	8.85	237	83950	46.532	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	104098	39.255	ng		98
43) 2,4,5-Trichlorophenol	9.02	196	125311	41.098	ng		97
45) 1,1'-Biphenyl	9.15	154	463685	39.829	ng		99
46) 2-Chloronaphthalene	9.17	162	343983	39.439	ng		100
47) 2-Nitroaniline	9.27	65	106730	40.414	ng		98
48) Acenaphthylene	9.59	152	532166	41.852	ng		100
49) Dimethylphthalate	9.45	163	472309	49.418	ng		100
50) 2,6-Dinitrotoluene	9.52	165	80492	38.852	ng		99
51) Acenaphthene	9.76	154	286800	38.049	ng		99
52) 3-Nitroaniline	9.69	138	66051	28.442	ng		98
53) 2,4-Dinitrophenol	9.80	184	15630	23.384	ng	#	62
54) Dibenzofuran	9.93	168	432005	38.235	ng		98
55) 4-Nitrophenol	9.87	139	80345	63.206	ng		95
56) 2,4-Dinitrotoluene	9.92	165	98196	37.981	ng		99
57) Fluorene	10.27	166	333402	39.513	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	86275	34.809	ng		98
59) Diethylphthalate	10.15	149	376735	39.783	ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	164539	36.963	ng		98
61) 4-Nitroaniline	10.30	138	71187	33.099	ng		99
62) Azobenzene	10.42	77	354946	36.911	ng		99
64) 4,6-Dinitro-2-methylphenol	10.33	198	20175	20.001	ng		92
65) n-Nitrosodiphenylamine	10.39	169	305707	43.514	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	94954	39.876	ng		94
67) Hexachlorobenzene	10.82	284	96386	37.380	ng		95
68) Atrazine	10.91	200	93102	42.463	ng		99
69) Pentachlorophenol	11.02	266	92047	63.440	ng		97
70) Phenanthrene	11.23	178	428383	41.306	ng		99
71) Anthracene	11.28	178	472141	44.040	ng		99
72) Carbazole	11.44	167	406734	39.117	ng		99
73) Di-n-butylphthalate	11.77	149	500177	41.474	ng		99
74) Fluoranthene	12.41	202	463851	42.812	ng		99
76) Benzidine	12.54	184	221380	31.379	ng		97
77) Pyrene	12.63	202	464274	33.366	ng		99
79) Butylbenzylphthalate	13.25	149	207710	34.430	ng		97
80) Benzo(a)anthracene	13.82	228	435065	41.512	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	164046	38.873	ng		98
82) Chrysene	13.86	228	457520	41.561	ng		99
83) Bis(2-ethylhexyl)phthalate	13.82	149	280445	38.103	ng		98
84) Di-n-octyl phthalate	14.42	149	550796	47.345	ng		99
85) Indeno(1,2,3-cd)pyrene	16.58	276	409175	51.929	ng		99
87) Benzo(b)fluoranthene	14.83	252	462098	41.706	ng		98
88) Benzo(k)fluoranthene	14.86	252	418841	37.623	ng		99
89) Benzo(a)pyrene	15.17	252	425472	42.316	ng		96
90) Dibenzo(a,h)anthracene	16.59	278	345964	41.896	ng		98
91) Benzo(g,h,i)perylene	16.98	276	332176	40.283	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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